Daily Diary Report by Bid Item

Contract No.: **04-0120F4**
Diary #: **382** **Const Calendar Day:** 99 **Date:** **11-Sep-2012** **Tuesday**
Inspector Name: **Wright, Doug** **Title:** **Transportation Engineer**
Inspection Type: Continuous
Shift Hours: 06:30 AM 05:30 PM **Break:** 00:30 **Over Time:** 02:00
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature	**7 AM**	**12 PM**	**4PM**
Precipitation		**Condition**	

Working Day ☑ If no, explain:

Diary: Dispute ☐

Phase 1 Load Transfer

Overview of Cable work today:
The following work was ongoing today on the Cable:
- Phase-1 load transfer (LT) step 2a-ADD was completed
- Phase-1 load transfer (LT) step 2b-ADD was completed
- Re-tensioning of cable band (CB) bolts
- Measuring of CB bolts with extensometer to determine bolt elongations

Today I was floating between inspecting the LT suspender jacking operation & measuring CB bolt elongations with the extensometer with Alex Schmitt, Matt Bruce, & John Lyons. See the diary of others for more information on the suspender jacking & cable band bolt tensioning.

- I arrived at the pier 7 office at 06:30, & was on the bridge at 06:50.
- For most of the morning, the crews were doing misc work prior to beginning work on LT suspender jacking.
- From 07:30 until 11:00, I did some misc checks in the field while waiting for suspender jacking to begin. I checked the reference marks on the Tower saddle, the deviation saddles, & the jacking saddle to make sure the cable has not slipped through the saddles during LT. There was no evidence of slippage. Also, I walked the South main-span to check for any issues with the suspenders (suspender snagging on the catwalk, suspender center mark slippage, etc).
- From 11:00 until 12:30, we measured CB bolts with the extensometer on the South main-span & South side-span. We measured PPs 18S, 20S, & 100S. The measurements at 100S were taken because there was some unusual data on the measurements that we took yesterday & Tai-Lin asked us to re-measure the bolts. The measurements at 18S & 20S were taken soon after the measurements were taken by the Smith-Emery QC crew, & were a check that we were measuring consistently with QC.
- From 12:30 until 13:00, I took lunch.
- From 13:00 until 14:00, I helped the inspectors on the South cable with LT suspender jacking inspection. I took remaining jacking length (RJL) measurements while other inspectors kept an eye on the jacking pressures.
- From 14:00 until 15:00, we measured CB bolts with the extensometer on the South side-span. We measured PPs 32S & 34S.
- From 15:00 until the end of the shift, I helped the inspectors on the North cable & South cable with LT suspender jacking inspection. I took remaining jacking length (RJL) measurements while other inspectors kept an eye on the jacking pressures.
- Note: The extensometer measurements were recorded, & this data was given to Tai-Lin Liu for compilation into a tracking spreadsheet.
- Note: The RJL measurements that I took were given to Victor Altimarano (for North cable) or Laraine

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Woo (for South cable). These 2 were keeping track of the suspender jacking data today.
- At 16:50, I left the bridge.
- From 17:00 until 17:20, I wrote my diary for the day & checked email.
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